```
EEEEEEEEEEEEEEE  RRRRRRRRRRR     FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR    FFFFFFFFFFFFFFF
EEEEEEEEEEEEEEE  RRRRRRRRRRRR    FFFFFFFFFFFFFFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEE              RRR         RRR  FFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEEEEEEEEEEE     RRRRRRRRRRRR     FFFFFFFFFFFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEE              RRR      RRR     FFF
EEE              RRR   RRR        FFF
EEE              RRR   RRR        FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
EEEEEEEEEEEEEEE  RRR         RRR  FFF
```

FILEID**INITDISK

```
IIIIII    NN      NN    IIIIII    TTTTTTTTTT  DDDDDDDD     IIIIII     SSSSSSSS  KK      KK
IIIIII    NN      NN    IIIIII    TTTTTTTTTT  DDDDDDDD     IIIIII     SSSSSSSS  KK      KK
  II      NN      NN      II        TT        DD      DD     II      SS          KK      KK
  II      NN      NN      II        TT        DD      DD     II      SS          KK      KK
  II      NNNN    NN      II        TT        DD      DD     II      SS          KK    KK
  II      NNNN    NN      II        TT        DD      DD     II      SS          KK    KK
  II      NN  NN  NN      II        TT        DD      DD     II        SSSSSS    KKKKKK
  II      NN  NN  NN      II        TT        DD      DD     II        SSSSSS    KKKKKK
  II      NN    NNNN      II        TT        DD      DD     II              SS  KK    KK
  II      NN    NNNN      II        TT        DD      DD     II              SS  KK    KK
  II      NN      NN      II        TT        DD      DD     II              SS  KK      KK    ....
  II      NN      NN      II        TT        DD      DD     II              SS  KK      KK    ....
IIIIII    NN      NN    IIIIII      TT        DDDDDDDD     IIIIII    SSSSSSSS  KK      KK    ....
IIIIII    NN      NN    IIIIII      TT        DDDDDDDD     IIIIII    SSSSSSSS  KK      KK    ....

LL              IIIIII      SSSSSSSS
LL              IIIIII      SSSSSSSS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II      SS
LL                II        SSSSSS
LL                II        SSSSSS
LL                II              SS
LL                II              SS
LL                II              SS
LL                II              SS
LLLLLLLLLL      IIIIII    SSSSSSSS
LLLLLLLLLL      IIIIII    SSSSSSSS
```

```
0001            Subroutine ERFDSKINI ( Array_addr, Array_size )
0002
0003      C
0004      C Version:      'V04-000'
0005      C
0006      C*****************************************************************************
0007      C*                                                                           *
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0025      C*                                                                           *
0026      C*                                                                           *
0027      C*****************************************************************************
0028      C
0029      C
0030      C
0031      C       AUTHOR: Elliott A. Drayton              CREATION DATE: 27-Jan-1983
0032      C
0033      C       Functional description:
0034
0035      C       This is the initialization module for the loadable image ERFDISK.EXE.
0036      C       After ERFDISK has been loaded this routine is called to return
0037      C       the information from it tables. These tables specifiy which error
0038      C       log packets this loadable image will process. The tables consist of:
0039
0040      C       ENTRY TYPE, DEVICE CLASS, MODULE VERSION, TRANSFER VECTOR OFFSET
0041      C
0042      C       The ENTRY TYPE value is the packet type identifier for the packets that
0043      C       this loadable image will process.
0044
0045      C       The DEVICE CLASS value specifies the class of the packet that will
0046      C       be process by this loadable image.
0047
0048      C       The MODULE VERSION is used to determine if the module in this image
0049      C       is the one to use. This is accomplished by the root image comparing
0050      C       this value against the value in the master tables in the root image.
0051
0052      C       The TRANSFER VECTOR OFFSET is the index to the transfer vector to
0053      C       be used for a specific device or entry type. For example, the transfer
0054      C       vectors for the disk image are ordered as:
0055      C
0056      C       INITDISK 0      ! a routine similar to this one
0057      C       MASSDISK 1      ! a device specific routine
```

```
0058     C        RKDISK   2
0059     C        RLDISK   3
0060     C        ECT.
0061     C
0062     C        Modified by:
0063     C
0064     C**
```

```
0065     !  DEFINE DEVICE TYPES
0066     !
0067     !  DISK DEVICES
0068     !
0069           Parameter DC$_DISK = 1            !  DISK
0070
0071           Parameter DT$_RK06 =  1           ! RK06 DISK
0072           Parameter DT$_RK07 =  2           ! RK07 DISK
0073           Parameter DT$_RP04 =  3           ! RP04 DISK
0074           Parameter DT$_RP05 =  4           ! RP05 DISK
0075           Parameter DT$_RP06 =  5           ! RP06 DISK
0076           Parameter DT$_RM03 =  6           ! RM03 DISK
0077           Parameter DT$_RP07 =  7           ! RP07 DISK
0078           Parameter DT$_RP07HT =  8         ! RP07 DISK WITH HEAD/TRACK
0079           Parameter DT$_RL01 =  9           ! RL01 DISK
0080           Parameter DT$_RL02 =  10          ! RL02 DISK
0081           Parameter DT$_RX02 =  11          ! RX02 DISK
0082           Parameter DT$_RX04 =  12          ! RX04 DISK
0083           Parameter DT$_RM80 =  13          ! RM80 DISK
0084           Parameter DT$_TU58 =  14          ! TU58
0085           Parameter DT$_RM05 =  15          ! RM05 DISK
0086           Parameter DT$_RX01 =  16          ! RX01 DISK
0087           Parameter DT$_ML11 =  17          ! ML11 disk
0088           Parameter DT$_RB02 =  18          ! R02 ON RB730
0089           Parameter DT$_RB80 =  19          ! R80 ON RB730
0090           Parameter DT$_RA80 =  20          ! R80 ON INTELLIGENT CONTROLLER
0091           Parameter DT$_RA81 =  21          ! R81 ON INTELLIGENT CONTROLLER
0092           Parameter DT$_RA60 =  22          ! PINON ON INTELLIGENT CONTROLLER
0093           Parameter DT$_RZ01 =  23          ! AZTEC REMOVABLE
0094           Parameter DT$_RZF01 = 24          ! AZTEC FIXED
0095
0096           Parameter V1 = 1                        ! device module version number
0097
0098           Parameter       Maxtypes = 17
0099
0100           Integer*4       Array_addr, Array_size
0101
0102           Integer*2       Disk_codes ( 4 * Maxtypes )
0103
0104           Data            Disk_codes /
0105           1 DT$_RK06, DC$_DISK, V1, 2,            ! DM 1
0106           2 DT$_RK07, DC$_DISK, V1, 2,            ! DM 2
0107           3 DT$_RP04, DC$_DISK, V1, 1,            ! DB 3
0108           4 DT$_RP05, DC$_DISK, V1, 1,            ! DB 4
0109           5 DT$_RP06, DC$_DISK, V1, 1,            ! DB 5
0110           6 DT$_RM03, DC$_DISK, V1, 1,            ! DR 6
0111           7 DT$_RP07, DC$_DISK, V1, 1,            ! DR 7
0112     !     8 DT$_RP07, DC$_DISK, V1, 1,            ! DR
0113           9 DT$_RL01, DC$_DISK, V1, 3,            ! DL 8
0114           1 DT$_RL02, DC$_DISK, V1, 3,            ! DL 9
0115           2 DT$_RX02, DC$_DISK, V1, 4,            ! DY 10
0116           3 DT$_RX04, DC$_DISK, V1, 4,            ! D? 11
0117           4 DT$_RM80, DC$_DISK, V1, 1,            ! DR 12
0118           5 DT$_TU58, DC$_DISK, V1, 6,            ! DD 13
0119           6 DT$_RM05, DC$_DISK, V1, 1,            ! DR 14
0120     !     7 DT$_RX01, DC$_DISK, V1, 0,            ! DX
0121           8 DT$_ML11, DC$_DISK, V1, 7,            ! EM 15
```

```
0122            9 DT$_RB02, DC$_DISK, V1, 5,          ! DQ 16
0123            1 DT$_RB80, DC$_DISK, V1, 5/          ! DQ 17
0124
0125     !      2 DT$_RA80, DC$_DISK, V1, 0,
0126     !      3 DT$_RA81, DC$_DISK, V1, 0,
0127     !      4 DT$_RA60, DC$_DISK, V1, 0,
0128     !      5 DT$_RZ01, DC$_DISK, V1, 0,
0129     !      6 DT$_RZF01,DC$_DISK, V1, 0/
0130
0131            Array_addr = %LOC (disk_codes(1))
0132            Array_size = Maxtypes
0133
0134            Return
0135            End
```

PROGRAM SECTIONS

	Name	Bytes	Attributes
0	$CODE	20	PIC CON REL LCL SHR EXE RD NOWRT LONG
2	$LOCAL	136	PIC CON REL LCL NOSHR NOEXE RD WRT LONG
	Total Space Allocated	156	

ENTRY POINTS

Address	Type	Name
0-00000000		ERFDSKINI

VARIABLES

Address	Type	Name	Address	Type	Name
AP-00000004@	I*4	ARRAY_ADDR	AP-00000008@	I*4	ARRAY_SIZE

ARRAYS

Address	Type	Name	Bytes	Dimensions
2-00000000	I*2	DISK_CODES	136	(68)

COMMAND QUALIFIERS

```
  FORTRAN /LIS=LIS$:INITDISK/OBJ=OBJ$:INITDISK MSRC$:INITDISK

  /CHECK=(NOBOUNDS,OVERFLOW,NOUNDERFLOW)
  /DEBUG=(NOSYMBOLS,TRACEBACK)
  /STANDARD=(NOSYNTAX,NOSOURCE_FORM)
  /SHOW=(NOPREPROCESSOR,NOINCLUDE,MAP)
  /F77  /NOG_FLOATING  /I4  /OPTIMIZE  /WARNINGS  /NOD_LINES  /NOCROSS_REFERENCE  /NOMACHINE_CODE  /CONTINUATIONS=19
```

COMPILATION STATISTICS

```
  Run Time:           0.97 seconds
  Elapsed Time:       3.97 seconds
  Page Faults:        101
  Dynamic Memory:     155 pages
```

GETCODE
LIS

INITPROC1
LIS

INITREAL
LIS

EXECIMAGE
LIS

ERFSUMM
LIS

INITBUS
LIS

INITPROC4
LIS

KMS3271
LIS

ERFTAPEVE
LIS

HEADER
LIS

FILES
LIS

ERLLOGSYS
LIS

INITPROC2
LIS

INIT_TAPE
LIS

ERLLOGMSG
LIS

INITDISK
LIS

INITPROC5
LIS

IMAGELOAD
LIS

INITPROC3
LIS

INTERVENE
LIS

ERFRTVEC
LIS

ERFSUMVEC
LIS